

INTERNATIONAL SEARCH REPORT

Inter 1st Application No
PCT/EP2004/013082

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12M1/04 C12M1/06 B01F13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12M B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 85/03458 A (PARKS RICHARD E) 15 August 1985 (1985-08-15) cited in the application page 2, line 31 - page 3, line 17 page 3, line 34 - page 4, line 15 page 4, line 18 - line 21 page 6, line 2 - page 7, line 4; claim 1	1-9
X	US 4 649 117 A (FAMILLETTI PHILIP C) 10 March 1987 (1987-03-10) cited in the application column 1, line 5 - line 25 column 1, line 61 - column 2, line 30; figure 1 ----- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

11 March 2005

Date of mailing of the international search report

21/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 136 970 A (CABRERA PEDRO P ET AL) 30 January 1979 (1979-01-30) cited in the application column 2, line 6 - line 47 column 2, line 58 - column 3, line 50; figure 1 -----	1-9

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Information on patent family members

Inter 1al Application No
PCT/EP2004/013082

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8503458	A	15-08-1985	AT 43253 T	15-06-1989
			AU 3996485 A	27-08-1985
			CA 1253853 A1	09-05-1989
			DE 3570370 D1	29-06-1989
			EP 0171431 A1	19-02-1986
			JP 6049143 B	29-06-1994
			JP 61501081 T	29-05-1986
			WO 8503458 A1	15-08-1985
			US 4595296 A	17-06-1986
<hr/>				
US 4649117	A	10-03-1987	AT 38855 T	15-12-1988
			DE 3661273 D1	29-12-1988
			DK 112686 A	16-09-1986
			EP 0197299 A1	15-10-1986
			JP 61212283 A	20-09-1986
			NO 860991 A	16-09-1986
<hr/>				
US 4136970	A	30-01-1979	AU 507573 B2	21-02-1980
			AU 4249578 A	26-07-1979
			CA 1125740 A1	15-06-1982
			CH 625883 A5	15-10-1981
			DE 2854304 A1	21-06-1979
			ES 476025 A1	01-11-1979
			FR 2411628 A1	13-07-1979
			GB 2010110 A , B	27-06-1979
			JP 1336456 C	11-09-1986
			JP 54091860 A	20-07-1979
			JP 60048222 B	25-10-1985
			ZA 7807039 A	28-11-1979
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